

SERVICE BULLETIN

SERVICE BULLETIN NO: 55-002

REF NO: 205

MODIFICATION NO: EC-06-0613

ATA CHAPTER: 55

STABILIZERS - VERTICAL STABILIZER REPLACEMENT OF THE SHEAR PLATE AND STRAP

1. Planning Information

A. Effectivity

PC-12, PC-12/45 and PC-12/47 aircraft MSN 101 thru MSN 830. This modification will be incorporated in aircraft MSN 831 and subsequent.

B. Concurrent Requirements

None

C. Reason

(1) Problem

Customers have reported wear between the shear plate (P/N 553.52.12.074) and the strap (P/N 555.30.12.211) at the top of the rear spar on the vertical stabilizer. If not corrected early, this could cause the stabilizer skin to crack.

(2) Solution

Replace the shear plate (P/N 553.52.12.074) with a shear spigot (P/N 553.52.12.080) which has a bigger bearing area.

Replace the strap (P/N 555.30.12.211) with a strap (P/N 555.30.12.233) and a replaceable slotted block (P/N 555.30.12.232).

D. Description

This Service Bulletin gives the data and instructions necessary to:

- Do an inspection for cracks in the vertical stabilizer skin and repair as necessary
- Remove the strap
- Install a new strap and a slotted block
- Remove the shear plate
- Install a new shear spigot.

Revision No. 1 is issued to remove the ambiguity from the illustration and to clearly identify that the slotted block is installed on the rear face of the strap. Operators who have accomplished this Service Bulletin to the initial issue must check that the slotted block has been installed on the rear face of the strap. Do this check at the next possible opportunity, but not later than the next annual servicing when access to view the strap is available. The warranty statement has been updated to include additional credits available.

E. Compliance

Recommended.

F. Approval

The technical content of this Service Bulletin is approved under the authority of DOA No. EASA. 21J. 357.

PILATUS advises Operators/Owners to check with their local Airworthiness Authorities for any changes, local regulations or sanctions that may affect the embodiment of this Service Bulletin.

G. Manpower

	Total
Preparation	0.75
Replacement	3.00
Close up	1.50
TOTAL MAN-HOURS	5.25

NOTE: Man-hour figures are considered if done during an annual inspection and do not include the time required to cure consumable materials.

H. Weight and Balance

(1) Weight Change

negligible.

(2) Moment Change

negligible.

I. Electrical Load Data

Not changed.

J. Software

Not changed.

K. References

Aircraft Maintenance Manual (AMM): 06-20-00.

Structural Repair Manual (SRM): 51-40-01, 51-40-02, 55-00-01.

L. Publications Affected

SRM: 55-30-02, 55-30-03.

Illustrated Parts Catalog (IPC): 55-30-00.

M. Interchangeability of Parts

Pre and Post-SB 55-002 parts are not interchangeable.

2. Material Information

A. Material - Price and Availability

Operators should send orders for Service Bulletin Modification Kits, to their Authorized Pilatus Service Center, or to:

PILATUS AIRCRAFT LTD.,
CUSTOMER SUPPORT MANAGER,
CH-6371 STANS,
SWITZERLAND

General Aviation:
Tel: + 41 41 619 6208
Fax: + 41 41 619 7311
eMail: SupportPC12@pilatus-aircraft.com

PILATUS BUSINESS AIRCRAFT LTD.,
PRODUCT SUPPORT DEPARTMENT
11755 AIRPORT WAY
BROOMFIELD, CO 80021.
UNITED STATES OF AMERICA

Tel: 303 465 9099
Fax: 303 465 6040
eMail: Productsupport@PilBal.com

PILATUS AUSTRALIA (PTY.) LTD,
17 JAMES SCHOFIELD DRIVE,
ADELAIDE AIRPORT SA 5950,
AUSTRALIA

Tel: (08) 8234 4433
Fax: (08) 8234 4499
Free Call: 1800 445 007
eMail: info@pilatus.com.au

Operators are requested to advise Pilatus Aircraft Ltd, of the Manufacturer's Serial Number (MSN) and the flying hours of aircraft which are affected by this Service Bulletin.

B. Warranty Claim

Credit for parts will be issued for all affected aircraft on approval of a warranty claim provided the work is accomplished by an authorized Service Center within 12 months from the issue date of this Service Bulletin.

Operators that have accomplished this Service Bulletin to the initial issue and need to re-position the slotted block will receive an additional credit of one (1) hour for labour on approval of a warranty claim, provided the work is accomplished during the next scheduled inspection by an authorized Service Center within 12 months from the date of Revision No. 1 to this Service Bulletin.

Operators who decide not to accomplish this Service Bulletin within the specified time period, will no longer receive warranty consideration for damaged vertical stabilizer-skins.